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Atty. Dkt. No. 040849-0192

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicants: Thomas A. EARLY et al.

Title: COMPONENT ANALYSIS OF MIXTURES  
BY NUCLEAR MAGNETIC RESONANCE

Appl. No.: 10/065,163

Filing Date: 09/23/2002

Examiner: Yelena G. Gakh

Art Unit: 1743

**AMENDMENT AND REPLY UNDER 37 CFR 1.111**

Mail Stop NON-FEE AMENDMENT  
Commissioner for Patents  
PO Box 1450  
Alexandria, Virginia 22313-1450

Sir:

This communication is responsive to the Non-Final Office Action dated February 2, 2004, concerning the above-referenced patent application.

**Amendments to the Specification** begin on page 2 of this document.

**Amendments to the Claims** are reflected in the listing of claims which begins on page 3 of this document.

**Remarks/Arguments** begin on page 5 of this document.

Please amend the application as follows: